

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	22	("2540083" "20030060661" "20030175159" "20040116741" "20050006318" "3645699" "3777892" "3872009" "4188797" "4309878" "4332599" "4383121" "4475355" "4652675" "4705624" "4734102" "4735781" "4762622" "4840737" "5102544" "6241101" "RE24038").PN.	US-PGPUB; USPAT	ADJ	ON	2009/07/16 12:59
S2	18	S1 and (wash\$4) and (crystal \$8) and (melt\$4 or heat\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/16 13:31
S3	15	("3385753" "3587859" "3738814" "3797662" "4323539" "4338201").PN. OR ("4840737").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 13:48
S4	5	("1509686" "3374052").PN. OR ("6241101").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 13:48
S5	1	(10/239849).APP.	USPAT; USOCR	ADJ	ON	2009/07/16 13:55
S6	2	("7112695").URPN.	USPAT	ADJ	ON	2009/07/16 13:56
S7	26	("20030060661" "2747001" "2765921" "2851368" "2854494" "2912469" "3222880" "3261170" "3375082" "3770386" "3777892" "3872009" "4279130" "4453959" "4597768" "4632809" "5090965" "7112695").PN. OR ("7540884").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/16 13:57
S8	53	(S1 or S3 or S4 or S6 or S7)	US-PGPUB; USPAT	ADJ	ON	2009/07/16 14:00
S9	12	S8 and (convey\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/16 14:00
S10	2	S9 and (spiral with (convey \$4 or belt))	US-PGPUB; USPAT	ADJ	ON	2009/07/16 14:01

S11	3886	((422/188) or (210/767,175,189)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/16 14:34
S12	100	S11 and (crystal\$8) and (melt\$4 or heat\$4) and (wash\$4) and (filter)	US-PGPUB; USPAT	ADJ	ON	2009/07/16 14:35
S13	29	S12 and (convey\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/16 14:35
S14	4	S11 and (hydraulic wash column)	US-PGPUB; USPAT	ADJ	ON	2009/07/16 14:42
S15	35	(hydraulic wash column)	US-PGPUB; USPAT	ADJ	ON	2009/07/16 14:42
S16	918	(melt crystallization)	US-PGPUB; USPAT	ADJ	ON	2009/07/16 14:55
S17	44	S16 and (wash with column)	US-PGPUB; USPAT	ADJ	ON	2009/07/16 14:55
S18	95	(crystal\$7) same (convey\$3) same (spiral or helical)	US-PGPUB; USPAT	ADJ	ON	2009/07/21 14:45
S19	49	(crystal\$7) same (convey\$3) same (spiral or helical) same (produc\$6)	US-PGPUB; USPAT	ADJ	ON	2009/07/21 14:46
S20	6	(crystal\$7) same (convey\$3) same (spiral or helical) same (produc\$6) same (wash with column)	US-PGPUB; USPAT	ADJ	ON	2009/07/21 14:46
S21	2	(crystal\$7) same (convey\$3) same (spiral or helical) same (produc\$6) same (carry\$4 with wash\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/21 14:59
S22	2	(crystal\$7) same (convey\$3) same (spiral or helical) same (carry\$4 with wash\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/21 15:00
S23	6	(crystal\$7) same (convey\$3) same (spiral or helical or circ \$5) same (carry\$4 with wash \$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/21 15:00
S24	58	(crystal\$7) same (convey\$3) same (spiral or helical or circ \$5) same (carry\$4)	US-PGPUB; USPAT	ADJ	ON	2009/07/21 15:01
S25	18	("2617273" "2679539" "2780663" "2833835" "2839411" "2956414" "3375082" "3531944").PN. OR ("3652230").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/21 15:03
S26	17	("1464707" "2603667" "3205078" "3283522" "3328972" "3620034").PN. OR ("3801285").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/21 15:06

S27	178	(melt\$4 or heat\$4) with (disintegrat\$6) same (crystal \$5)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 08:22
S28	73	S27 and (wash\$3)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 08:22
S29	19	("2874199" "2921968" "3049889" "3117031" "3501924" "3992170" "Re23810").PN. OR ("4332599").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 08:23
S30	1	(melt\$4 or heat\$4) same (disintegrat\$6 with (grid or plate or plane)) same (crystal \$5)	US-PGPUB; USPAT	ADJ	ON	2009/07/22 08:32
S31	44	((melt\$4 or heat\$4) with crystal\$7) and (disintegrat\$6 with (grid or plate or plane))	US-PGPUB; USPAT	ADJ	ON	2009/07/22 08:33
S32	6	("5504247" "5523480" "5831124" "6433222").PN. OR ("6541665").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 08:36
S33	63	(melt\$4 or heat\$4) same (disintegrat\$6 with (rotat\$4 or spin\$4 or turn\$4)) and (crystal\$8)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 10:18
S34	11	(melt\$4 or heat\$4) same (disintegrat\$6 with (rotat\$4 or spin\$4 or turn\$4)) same (variable or size) and (crystal \$8)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 10:35
S35	24	(disintegrat\$6 with (rotat\$4 or spin\$4 or turn\$4) with (variable or size)) and (crystal\$8)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 10:36
S36	43	(disintegrat\$6 with (rotat\$4 or spin\$4 or turn\$4) with (plane or plate or disc or grid or mesh)) and (crystal \$8)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 12:30
S37	14	("3103792" "3283522" "4112702").PN. OR ("4332140").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/23 12:42
S38	24	("3179378" "3386182" "3913847" "4002323" "4037794" "4197660").PN. OR ("4556175").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/23 12:59
S39	17	("4034126" "4542043" "4556175" "4724794" "4834299").PN. OR ("5296265").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/23 13:03

S40	335	(disintegrat\$6 with (rotat\$4 or spin\$4 or turn\$4) with (plane or plate or disc or disk or grid or mesh))	US-PGPUB; USPAT	ADJ	ON	2009/07/23 13:06
S41	37	S40 and (align\$4 or match\$4) with (opening or hole or passage)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 13:06
S42	22907	((rotat\$4 or spin\$4 or turn\$4) with (plane or plate or disc or disk or grid or mesh)) same ((align\$4 or match\$4) with (opening or hole or passage))	US-PGPUB; USPAT	ADJ	ON	2009/07/23 13:08
S43	7	S42 and (disintegrat\$6 same crystal\$8)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 13:08
S44	1093	S42 and (crystal\$8)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 13:10
S45	360	S44 and (grid or perforat\$4 or mesh)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 13:10
S46	554	S44 and (grid or perforat\$4 or mesh or screen)	US-PGPUB; USPAT	ADJ	ON	2009/07/23 13:11

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